

Abstract Of The Disclosure

An improved process is provided for treating a porous web (especially fabric) to produce a novel silicone polymer internally coated web. In the process, 5 a starting curable liquid silicone polymer is coated under pressure upon one surface of the web, and the web is then subjected to localized shear forces sufficient to move the silicone polymer composition into interior portions of the web and to distribute the silicone 10 polymer composition generally uniformly therewithin in such planar region. Excess silicone polymer composition is wiped away from a web surface. Thereafter, the resulting web is heated or irradiated to cure the silicone polymer. Preferably a web is preliminarily 15 impregnated with a fluorochemical. Webs procuded by this process are breathable, waterproof or highly water repellent, and flexible.